



BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

PRE-MEASUREMENT

Name of work:

Improvements to Roads and Drains at Thindlu and Kodigehalli
Surrounding Areas in Ward No.09 Kodigehalli.

Estimated Cost :

Rs. 100.00 Lakhs

Job Code:

009-22-000003

Head of Account :

P3075 Special Comprehensive Development Works

Name of Agency:

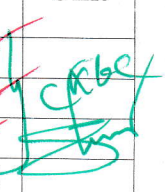
Sri. Subba Reddy K.V, No. 106/B, Aswathnagara, RMV 2nd Stage,
Bangalore - 560094.

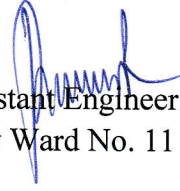
Work order No:

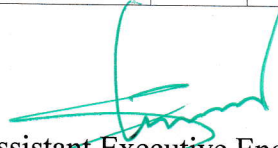
BBMP/EE/BTP/WO/56/2021-22 Dated: 18-03-2022.

Measurements Recorded on : 2/04/2023									
Sl No	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
13	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications.								
	VMS layout 2nd Cross Road								Sqm
	Dead to Main Road	1	15.00	2.60	3.30	2.95		44.25	
		1	15.00	3.30	3.15	3.23		48.38	
		1	15.00	3.15	3.55	3.35		50.25	
		1	7.40	3.55	4.10	3.83		28.31	
	VMS layout 1st Cross Road								
	Main Road to Dead End	1	5.50			4.60		25.30	
		1	6.20			5.50		34.10	
		1	1.20			2.20		2.64	
		1	3.20			1.50		4.80	
	VMS layout Main Road								
	Dead End to Thindlu Main Road	1	15.00	5.00	5.30	5.15		77.25	
		1	15.00	5.50	4.90	5.20		78.00	
		1	15.00	4.90	5.25	5.08		76.13	
		1	15.30	5.25	5.50	5.38		82.24	
	Buddajyothi Layout								
	3rd Cross From Dead end to Main Road	1	15.00	4.80	4.60	4.70		70.50	
		1	14.00	4.60	5.20	4.90		68.60	
	2nd Cross From Dead end to Main Road								
		1	15.00	3.95	4.00	3.98		59.63	
		1	14.00	4.00	4.80	4.40		61.60	
	1st Cross N/S From Dead end to Main Road								
		1	15.00	1.20	1.30	1.25		18.75	
		1	10.30	1.30	1.20	1.25		12.88	
	1st Cross S/S From Dead end to								

Sl No	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
		1	12.00	1.30	1.40	1.35		16.20	
	Buddajyothi Layout Main Road								
	From Dead end to Jai Hanuman Layout 1st Cross	1	15.00	1.30	1.20	1.25		18.75	
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.20	1.25		18.75	
		1	15.00	1.20	1.25	1.23		18.38	
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.20	1.25		18.75	
		1	7.30	1.20	1.30	1.25		9.13	
	R/S								
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	0.90	0.95		14.25	
		1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.10	1.05		15.75	
		1	7.30	1.10	1.00	1.05		7.67	
	L/S								
		1	15.00	1.00	0.90	0.95		14.25	
		1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	0.80	0.88		13.13	
		1	15.00	0.80	0.90	0.85		12.75	
		1	15.00	0.90	1.00	0.95		14.25	
		1	7.30	1.00	0.95	0.98		7.12	
	Jai hanuman Layout 1st Cross								
	From Buddajyothi Layout Main Road Entrance to Sai Sadan Apartment								
	UGD Cutting Portion	1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
	R/S								
		1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	0.80	0.90		13.50	
		1	15.00	0.80	0.90	0.85		12.75	
	L/S								
		1	15.00	1.00	1.10	1.05		15.75	
		1	15.00	1.10	0.90	1.00		15.00	
		1	15.00	0.90	0.85	0.88		13.13	
		1	15.00	0.85	0.90	0.88		13.13	
		1	15.00	0.90	1.00	0.95		14.25	

Sl No.	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
		1	5.20			3.40		17.68	
		1	3.80			2.80		10.64	
		1	3.60			1.90		6.84	
		Total Qty =						1459.16	


Assistant Engineer
New Ward No. 11


Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Sl No	Description of work	Mesurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
	Measurements Recorded on : 11/03/2023								
16	Providing, laying, spreading and compacting cushioned stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.								
	VMS layout 2nd Cross Road								Cum
	Dead to Main Road	1	15.00	2.60	3.30	2.95	0.25	11.06	
		1	15.00	3.30	3.15	3.23	0.25	12.09	
		1	15.00	3.15	3.55	3.35	0.25	12.56	
		1	7.40	3.55	4.10	3.83	0.25	7.08	
	VMS layout 1st Cross Road								
	Main Road to Dead End	1	5.50			4.60	0.25	6.33	
		1	6.20			5.50	0.25	8.53	
		1	1.20			2.20	0.25	0.66	
		1	3.20			1.50	0.25	1.20	
	VMS layout Main Road								
	Dead End to Thindlu Main Road	1	15.00	5.00	5.30	5.15	0.25	19.31	
		1	15.00	5.50	4.90	5.20	0.25	19.50	
		1	15.00	4.90	5.25	5.08	0.25	19.03	
		1	15.30	5.25	5.50	5.38	0.25	20.56	
	Buddajyothi Layout								
	3rd Cross From Dead end to Main Road	1	15.00	4.80	4.60	4.70	0.25	17.63	
		1	14.00	4.60	5.20	4.90	0.25	17.15	
	2nd Cross From Dead end to Main Road								
		1	15.00	3.95	4.00	3.98	0.25	14.91	
		1	14.00	4.00	4.80	4.40	0.25	15.40	
	1st Cross N/S From Dead end to Main Road								
		1	15.00	1.20	1.30	1.25	0.25	4.69	
		1	10.30	1.30	1.20	1.25	0.25	3.22	
	1st Cross S/S From Dead end to Main Road								
		1	15.00	1.20	1.30	1.25	0.25	4.69	
		1	12.00	1.30	1.40	1.35	0.25	4.05	
	Buddajyothi Layout Main Road								
	From Dead end to Jai Hanuman Layout 1st Cross	1	15.00	1.30	1.20	1.25	0.25	4.69	
		1	15.00	1.20	1.30	1.25	0.25	4.69	
		1	15.00	1.30	1.20	1.25	0.25	4.69	
		1	15.00	1.20	1.25	1.23	0.25	4.59	
		1	15.00	1.20	1.30	1.25	0.25	4.69	
		1	15.00	1.30	1.20	1.25	0.25	4.69	
		1	7.30	1.20	1.30	1.25	0.25	2.28	
	R/S								

Assistant Engineer
Kodichur Sub Division
BBMP, Bangalore

SI No	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
		1	15.00	1.00	0.90	0.95	0.25	3.56	
		1	15.00	0.90	1.00	0.95	0.25	3.56	
		1	15.00	1.00	0.95	0.98	0.25	3.66	
		1	15.00	0.95	1.00	0.98	0.25	3.66	
		1	15.00	1.00	1.10	1.05	0.25	3.94	
		1	7.30	1.10	1.00	1.05	0.25	1.92	
	L/S								
		1	15.00	1.00	0.90	0.95	0.25	3.56	
		1	15.00	0.90	1.00	0.95	0.25	3.56	
		1	15.00	1.00	0.95	0.98	0.25	3.66	
		1	15.00	0.95	0.80	0.88	0.25	3.28	
		1	15.00	0.80	0.90	0.85	0.25	3.19	
		1	15.00	0.90	1.00	0.95	0.25	3.56	
		1	7.30	1.00	0.95	0.98	0.25	1.78	
	Jai hanuman Layout 1st Cross								
	From Buddajyothi Layout Main								
	Road Entrance to Sai Sadan								
	Apartment	1	15.00	1.20	1.00	1.10	0.25	4.13	
		1	15.00	1.00	1.20	1.10	0.25	4.13	
		1	15.00	1.20	1.00	1.10	0.25	4.13	
		1	15.00	1.00	1.20	1.10	0.25	4.13	
		1	15.00	1.20	1.00	1.10	0.25	4.13	
	R/S								
		1	15.00	0.90	1.00	0.95	0.25	3.56	
		1	15.00	1.00	0.95	0.98	0.25	3.66	
		1	15.00	0.95	1.00	0.98	0.25	3.66	
		1	15.00	1.00	0.80	0.90	0.25	3.38	
		1	15.00	0.80	0.90	0.85	0.25	3.19	
	L/S								
		1	15.00	1.00	1.10	1.05	0.25	3.94	
		1	15.00	1.10	0.90	1.00	0.25	3.75	
		1	15.00	0.90	0.85	0.88	0.25	3.28	
		1	15.00	0.85	0.90	0.88	0.25	3.28	
		1	15.00	0.90	1.00	0.95	0.25	3.56	
	Damage Portion								
		1	5.60			2.60	0.25	3.64	
		1	5.20			3.40	0.25	4.42	
		1	3.80			2.80	0.25	2.66	
		1	3.60			1.90	0.25	1.71	
		Total Qty =						364.79	

Assistant Engineer
New Ward No. 11

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Sl No	Description of work	Mesurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
	Measurements Recorded on : 01/04/2023								
17	Providing and applying primer coat with SS grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70 kg per m2 using mechanical means.								
	Bank Colony								Sqm
	3rd Cross From Dead end to Main Road								
		1	15.00	5.20	5.70	5.45		81.75	
		1	15.00	5.70	5.50	5.60		84.00	
		1	15.00	5.50	5.90	5.70		85.50	
		1	3.10	5.90	5.95	5.93		18.37	
	2nd Cross N/S								
	Dead to Main Road	1	15.00	2.40	3.55	2.98		44.63	
		1	15.00	3.55	3.70	3.63		54.38	
		1	15.00	3.40	3.45	3.43		51.38	
		1	15.00	3.45	4.50	3.98		59.63	
		1	5.20	4.50	4.55	4.53		23.53	
	2nd Cross S/S								
	Main Road to Dead End	1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.10	1.05		15.75	
		1	2.30	1.20	1.20	1.20		2.76	
	1st Cross								
	From Dead end to Main Road	1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.00	1.00		15.00	
		1	15.00	1.00	0.90	0.95		14.25	
		1	15.00	0.90	0.80	0.85		12.75	
		1	15.00	0.90	0.70	0.80		12.00	
		1	15.00	0.70	0.80	0.75		11.25	
		1	4.70	0.80	0.90	0.85		4.00	
	Bank Colony Main Road								
	Dead to Thindlu Main Road	1	15.00	5.80	6.80	6.30		94.50	
		1	15.00	6.80	5.90	6.35		95.25	
	Centre UGD Cutting	1	15.00	1.50	1.20	1.35		20.25	
		1	15.00	1.20	1.30	1.25		18.75	
		1	8.60	1.30	1.20	1.25		10.75	
	R/S	1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	0.85	0.93		13.88	
		1	8.60	0.85	0.70	0.78		6.67	
	L/S	1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	0.90	0.95		14.25	
		1	8.60	0.90	0.80	0.85		7.31	
	VMS layout 1st Cross Road								
	Main Road to Dead End	1	5.50			4.60		25.30	
		1	6.20			5.50		34.10	
		1	1.20			2.20		2.64	
		1	3.20			1.50		4.80	
	VMS layout Main Road								

Assistant Engineer High
Kodurh Sub Division
BMP, Bangalore

SI No	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
		1	15.00	5.50	4.90	5.20		78.00	
		1	15.00	4.90	5.25	5.08		76.13	
		1	15.30	5.25	5.50	5.38		82.24	
	Buddajyothi Layout								
	3rd Cross From Dead end to Main Road	1	15.00	4.80	4.60	4.70		70.50	
		1	14.00	4.60	5.20	4.90		68.60	
	2nd Cross From Dead end to Main Road								
		1	15.00	3.95	4.00	3.98		59.63	
		1	14.00	4.00	4.80	4.40		61.60	
	1st Cross N/S From Dead end to Main Road								
		1	15.00	1.20	1.30	1.25		18.75	
		1	10.30	1.30	1.20	1.25		12.88	
	1st Cross S/S From Dead end to Main Road								
		1	15.00	1.20	1.30	1.25		18.75	
		1	12.00	1.30	1.40	1.35		16.20	
	Buddajyothi Layout Main Road								
	From Dead end to Jai Hanuman Layout 1st Cross	1	15.00	1.30	1.20	1.25		18.75	
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.20	1.25		18.75	
		1	15.00	1.20	1.25	1.23		18.38	
		1	15.00	1.20	1.30	1.25		18.75	
		1	15.00	1.30	1.20	1.25		18.75	
		1	7.30	1.20	1.30	1.25		9.13	
	R/S								
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	0.90	0.95		14.25	
		1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	1.10	1.05		15.75	
		1	7.30	1.10	1.00	1.05		7.67	
	L/S								
		1	15.00	1.00	0.90	0.95		14.25	
		1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	0.80	0.88		13.13	
		1	15.00	0.80	0.90	0.85		12.75	
		1	15.00	0.90	1.00	0.95		14.25	
		1	7.30	1.00	0.95	0.98		7.12	
	Jai hanuman Layout 1st Cross								
	From Buddajyothi Layout Main Road Entrance to Sai Sadan	1	15.00	1.20	1.00	1.10		16.50	

Assistant Executive Engineer
Kodigal Sub Division
B-16/20 Bangalore

SI N	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
		1	15.00	1.20	1.00	1.10		16.50	
		1	15.00	1.00	1.20	1.10		16.50	
		1	15.00	1.20	1.00	1.10		16.50	
	R/S								
		1	15.00	0.90	1.00	0.95		14.25	
		1	15.00	1.00	0.95	0.98		14.63	
		1	15.00	0.95	1.00	0.98		14.63	
		1	15.00	1.00	0.80	0.90		13.50	
		1	15.00	0.80	0.90	0.85		12.75	
	L/S								
		1	15.00	1.00	1.10	1.05		15.75	
		1	15.00	1.10	0.90	1.00		15.00	
		1	15.00	0.90	0.85	0.88		13.13	
		1	15.00	0.85	0.90	0.88		13.13	
		1	15.00	0.90	1.00	0.95		14.25	
	Damage Portion								
		1	10.60			2.60		27.56	
		1	4.80			5.50		26.40	
		1	9.60			2.80		26.88	
		1	3.00			3.50		10.50	
		1	6.90			3.20		22.08	
		Total Qty =						2286.06	

Assistant Engineer
New Ward No. 11

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Sl No	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
	Measurements Recorded on : 23/03/2023								
18	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm)								
	Bank Colony								Cum
	3rd Cross From Dead end to Main Road								
		1	15.00	5.20	5.70	5.45	0.05	4.09	
		1	15.00	5.70	5.50	5.60	0.05	4.20	
		1	15.00	5.50	5.90	5.70	0.05	4.28	
		1	3.10	5.90	5.95	5.93	0.05	0.92	
	2nd Cross N/S								
	Dead to Main Road	1	15.00	2.40	3.55	2.98	0.05	2.23	
		1	15.00	3.55	3.70	3.63	0.05	2.72	
		1	15.00	3.40	3.45	3.43	0.05	2.57	
		1	15.00	3.45	4.50	3.98	0.05	2.98	
		1	5.20	4.50	4.55	4.53	0.05	1.18	
	2nd Cross S/S								
	Main Road to Dead End	1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.10	1.05	0.05	0.79	
		1	2.30	1.20	1.20	1.20	0.05	0.14	
	1st Cross								
	From Dead end to Main Road	1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.00	1.00	0.05	0.75	
		1	15.00	1.00	0.90	0.95	0.05	0.71	
		1	15.00	0.90	0.80	0.85	0.05	0.64	
		1	15.00	0.90	0.70	0.80	0.05	0.60	
		1	15.00	0.70	0.80	0.75	0.05	0.56	
		1	4.70	0.80	0.90	0.85	0.05	0.20	
	Bank Colony Main Road								
	Dead to Thindlu Main Road	1	15.00	5.80	6.80	6.30	0.05	4.73	
		1	15.00	6.80	5.90	6.35	0.05	4.76	
	Centre UGD Cutting	1	15.00	1.50	1.20	1.35	0.05	1.01	
		1	15.00	1.20	1.30	1.25	0.05	0.94	
		1	8.60	1.30	1.20	1.25	0.05	0.54	
	R/S	1	15.00	0.90	1.00	0.95	0.05	0.71	
		1	15.00	1.00	0.85	0.93	0.05	0.69	
		1	8.60	0.85	0.70	0.78	0.05	0.33	
	L/S	1	15.00	0.95	1.00	0.98	0.05	0.73	
		1	15.00	1.00	0.90	0.95	0.05	0.71	
		1	8.60	0.90	0.80	0.85	0.05	0.37	
	VMS layout 1st Cross Road								
	Main Road to Dead End	1	5.50			4.60	0.05	1.27	

Sl No	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
		1	1.20			2.20	0.05	0.13	
		1	3.20			1.50	0.05	0.24	
	VMS layout Main Road								
	Dead End to Thindlu Main Road	1	15.00	5.00	5.30	5.15	0.05	3.86	
		1	15.00	5.50	4.90	5.20	0.05	3.90	
		1	15.00	4.90	5.25	5.08	0.05	3.81	
		1	15.30	5.25	5.50	5.38	0.05	4.11	
	Buddajyothi Layout								
	3rd Cross From Dead end to Main Road	1	15.00	4.80	4.60	4.70	0.05	3.53	
		1	14.00	4.60	5.20	4.90	0.05	3.43	
	2nd Cross From Dead end to Main Road								
		1	15.00	3.95	4.00	3.98	0.05	2.98	
		1	14.00	4.00	4.80	4.40	0.05	3.08	
	1st Cross N/S From Dead end to Main Road								
		1	15.00	1.20	1.30	1.25	0.05	0.94	
		1	10.30	1.30	1.20	1.25	0.05	0.64	
	1st Cross S/S From Dead end to Main Road								
		1	15.00	1.20	1.30	1.25	0.05	0.94	
		1	12.00	1.30	1.40	1.35	0.05	0.81	
	Buddajyothi Layout Main Road								
	From Dead end to Jai Hanuman Layout 1st Cross								
	UDG Cutting Portion	1	15.00	1.30	1.20	1.25	0.05	0.94	
		1	15.00	1.20	1.30	1.25	0.05	0.94	
		1	15.00	1.30	1.20	1.25	0.05	0.94	
		1	15.00	1.20	1.25	1.23	0.05	0.92	
		1	15.00	1.20	1.30	1.25	0.05	0.94	
		1	15.00	1.30	1.20	1.25	0.05	0.94	
		1	7.30	1.20	1.30	1.25	0.05	0.46	
	R/S								
		1	15.00	0.95	1.00	0.98	0.05	0.73	
		1	15.00	1.00	0.90	0.95	0.05	0.71	
		1	15.00	0.90	1.00	0.95	0.05	0.71	
		1	15.00	1.00	0.95	0.98	0.05	0.73	
		1	15.00	0.95	1.00	0.98	0.05	0.73	
		1	15.00	1.00	1.10	1.05	0.05	0.79	
		1	7.30	1.10	1.00	1.05	0.05	0.38	
	L/S								
		1	15.00	1.00	0.90	0.95	0.05	0.71	
		1	15.00	0.90	1.00	0.95	0.05	0.71	
		1	15.00	1.00	0.95	0.98	0.05	0.73	
		1	15.00	0.95	0.80	0.88	0.05	0.66	
		1	15.00	0.80	0.90	0.85	0.05	0.64	

Assistant Executive Engineer
Kodigumuru Sub Division
BEVZ, Bangalore

SI No.	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
	Jai hanuman Layout 1st Cross								
	From Buddajyothi Layout Main Road Entrance to Sai Sadan Apartment	1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.20	1.10	0.05	0.83	
		1	15.00	1.20	1.00	1.10	0.05	0.83	
		1	15.00	1.00	1.20	1.10	0.05	0.83	
	R/S								
		1	15.00	0.90	1.00	0.95	0.05	0.71	
		1	15.00	1.00	0.95	0.98	0.05	0.73	
		1	15.00	0.95	1.00	0.98	0.05	0.73	
		1	15.00	1.00	0.80	0.90	0.05	0.68	
		1	15.00	0.80	0.90	0.85	0.05	0.64	
	L/S								
		1	15.00	1.00	1.10	1.05	0.05	0.79	
		1	15.00	1.10	0.90	1.00	0.05	0.75	
		1	15.00	0.90	0.85	0.88	0.05	0.66	
		1	15.00	0.85	0.90	0.88	0.05	0.66	
		1	15.00	0.90	1.00	0.95	0.05	0.71	
	Damage Portion								
		1	10.60			2.60	0.05	1.38	
		1	4.80			5.50	0.05	1.32	
		1	9.60			2.80	0.05	1.34	
		1	3.00			3.50	0.05	0.53	
		1	6.90			3.20	0.05	1.10	
		Total Qty =						114.30	

Assistant Engineer
New Ward No. 11

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Sl No	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
	Measurements Recorded on : 25/03/2023								
19	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications								
	Bank Colony								Sqm
	3rd Cross From Dead end to Main Road	1	15.00	4.95	5.20	5.08		76.13	
		1	15.00	5.20	5.70	5.45		81.75	
		1	15.00	5.70	5.50	5.60		84.00	
		1	15.00	5.50	5.90	5.70		85.50	
		1	3.10	5.90	5.95	5.93		18.37	
	2nd Cross N/S								
	Dead to Main Road	1	15.00	2.40	3.55	2.98		44.63	
		1	15.00	3.55	3.70	3.63		54.38	
		1	15.00	3.40	3.45	3.43		51.38	
		1	15.00	3.45	4.50	3.98		59.63	
		1	5.20	4.50	4.55	4.53		23.53	
	2nd Cross S/S								
	Main Road to Dead End	1	15.00	4.40	4.05	4.23		63.38	
		1	15.00	4.05	4.20	4.13		61.88	
		1	2.30	4.20	4.20	4.20		9.66	
	1st Cross								
	From Dead end to Main Road	1	15.00	3.90	4.25	4.08		61.13	
		1	15.00	4.25	4.20	4.23		63.38	
		1	15.00	4.20	4.30	4.25		63.75	
		1	15.00	4.30	4.60	4.45		66.75	
		1	15.00	4.60	4.95	4.78		71.63	
		1	15.00	4.95	4.90	4.93		73.88	
		1	4.70	4.90	4.90	4.90		23.03	
	Bank Colony Main Road								
	Dead to Thindlu Main Road	1	15.00	5.80	6.80	6.30		94.50	
		1	15.00	6.80	5.90	6.35		95.25	
		1	15.00	5.90	5.00	5.45		81.75	
		1	15.00	5.00	6.65	5.83		87.38	
		1	8.60	6.65	6.90	6.78		58.27	
	VMS layout 2nd Cross Road								
	Dead to Main Road	1	15.00	2.60	3.30	2.95		44.25	
		1	15.00	3.30	3.15	3.23		48.38	
		1	15.00	3.15	3.55	3.35		50.25	
		1	7.40	3.55	4.10	3.83		28.31	
	VMS layout 1st Cross Road								
	Main Road to Dead End	1	15.00	4.30	4.05	4.18		62.63	
		1	15.00	4.05	3.30	3.68		55.13	
		1	2.20	3.30	3.80	3.55		7.81	
	VMS layout Main Road								
	Dead End to Thindlu Main Road	1	15.00	5.00	5.30	5.15		77.25	
		1	15.00	5.50	4.90	5.20		78.00	

SI N	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
		1	15.30	5.25	5.50	5.38		82.24	
	Buddajyothi Layout								
	3rd Cross From Dead end to Main Road	1	15.00	4.80	4.60	4.70		70.50	
		1	14.00	4.60	5.20	4.90		68.60	
	2nd Cross From Dead end to Main Road								
		1	15.00	3.95	4.00	3.98		59.63	
		1	14.00	4.00	4.80	4.40		61.60	
	1st Cross N/S From Dead end to Main Road								
		1	15.00	3.15	4.45	3.80		57.00	
		1	10.30	4.45	4.60	4.53		46.61	
	1st Cross S/S From Dead end to Main Road								
		1	15.00	4.50	4.00	4.25		63.75	
		1	12.00	4.00	4.10	4.05		48.60	
	Buddajyothi Layout Main Road								
	From Dead end to Jai Hanuman Layout 1st Cross	1	15.00	4.40	4.60	4.50		67.50	
		1	15.00	4.60	4.50	4.55		68.25	
		1	15.00	4.50	4.25	4.38		65.63	
		1	15.00	4.25	5.10	4.68		70.13	
		1	15.00	5.10	4.60	4.85		72.75	
		1	15.00	4.60	4.15	4.38		65.63	
		1	7.30	4.15	5.10	4.63		33.76	
	Jai hanuman Layout 1st Cross								
	From Buddajyothi Layout Main Road Entrance to Sai Sadan Apartment	1	15.00	4.40	4.50	4.45		66.75	
		1	15.00	4.50	4.35	4.43		66.38	
		1	15.00	4.35	5.10	4.73		70.88	
		1	15.00	5.10	4.85	4.98		74.63	
		1	15.00	4.85	4.10	4.48		67.13	
		1	15.00	4.10	4.70	4.40		66.00	
		1	15.00	4.70	4.35	4.53		67.88	
		1	15.00	4.35	5.00	4.68		70.13	
		1	8.50	5.00	4.30	4.65		39.53	
		Total Qty =						3674.40	
	Qty upto 125%							1384.88	
	Qty above 125%							2289.53	

Assistant Engineer
New Ward No. 11

Assistant Executive Engineer
Kodigehalli Sub Division
Kodigehalli Sub Division

Sl N	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
	Measurements Recorded on : 25/03/2023								
20	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.								
	Bank Colony								Sqm
	3rd Cross From Dead end to Main Road	1	15.00	4.95	5.20	5.08		76.13	
		1	15.00	5.20	5.70	5.45		81.75	
		1	15.00	5.70	5.50	5.60		84.00	
		1	15.00	5.50	5.90	5.70		85.50	
		1	3.10	5.90	5.95	5.93		18.37	
	2nd Cross N/S								
	Dead to Main Road	1	15.00	2.40	3.55	2.98		44.63	
		1	15.00	3.55	3.70	3.63		54.38	
		1	15.00	3.40	3.45	3.43		51.38	
		1	15.00	3.45	4.50	3.98		59.63	
		1	5.20	4.50	4.55	4.53		23.53	
	2nd Cross S/S								
	Main Road to Dead End	1	15.00	4.40	4.05	4.23		63.38	
		1	15.00	4.05	4.20	4.13		61.88	
		1	2.30	4.20	4.20	4.20		9.66	
	1st Cross								
	From Dead end to Main Road	1	15.00	3.90	4.25	4.08		61.13	
		1	15.00	4.25	4.20	4.23		63.38	
		1	15.00	4.20	4.30	4.25		63.75	
		1	15.00	4.30	4.60	4.45		66.75	
		1	15.00	4.60	4.95	4.78		71.63	
		1	15.00	4.95	4.90	4.93		73.88	
		1	4.70	4.90	4.90	4.90		23.03	
	Bank Colony Main Road								
	Dead to Thindlu Main Road	1	15.00	5.80	6.80	6.30		94.50	
		1	15.00	6.80	5.90	6.35		95.25	
		1	15.00	5.90	5.00	5.45		81.75	
		1	15.00	5.00	6.65	5.83		87.38	
		1	8.60	6.65	6.90	6.78		58.27	
	VMS Layout 2nd Cross Road								
	Dead to Main Road	1	15.00	2.60	3.30	2.95		44.25	
		1	15.00	3.30	3.15	3.23		48.38	
		1	15.00	3.15	3.55	3.35		50.25	
		1	7.40	3.55	4.10	3.83		28.31	
	VMS Layout 1st Cross Road								
	Main Road to Dead End	1	15.00	4.30	4.05	4.18		62.63	
		1	15.00	4.05	3.30	3.68		55.13	
		1	2.20	3.30	3.80	3.55		7.81	
	VMS layout Main Road								
	Dead End to Thindlu Main Road	1	15.00	5.00	5.30	5.15		77.25	
		1	15.00	5.50	4.90	5.20		78.00	

SI No.	Description of work	Measurement						Qty	Unit
		No.	L	B1	B2	Av.,B	D		
	Buddajyothi Layout	1	15.30	5.25	5.50	5.38		82.24	
	3rd Cross From Dead end to Main Road	1	15.00	4.80	4.60	4.70		70.50	
	2nd Cross From Dead end to Main Road	1	14.00	4.60	5.20	4.90		68.60	
		1	15.00	3.95	4.00	3.98		59.63	
		1	14.00	4.00	4.80	4.40		61.60	
	1st Cross N/S From Dead end to Main Road								
		1	15.00	3.15	4.45	3.80		57.00	
		1	10.30	4.45	4.60	4.53		46.61	
	1st Cross S/S From Dead end to Main Road								
		1	15.00	4.50	4.00	4.25		63.75	
		1	12.00	4.00	4.10	4.05		48.60	
	Buddajyothi Layout Main Road								
	From Dead end to Jai Hanuman Layout 1st Cross	1	15.00	4.40	4.60	4.50		67.50	
		1	15.00	4.60	4.50	4.55		68.25	
		1	15.00	4.50	4.25	4.38		65.63	
		1	15.00	4.25	5.10	4.68		70.13	
		1	15.00	5.10	4.60	4.85		72.75	
		1	15.00	4.60	4.15	4.38		65.63	
		1	7.30	4.15	5.10	4.63		33.76	
	Jai Hanuman Layout 1st Cross								
	From Buddajyothi Layout Main Road Entrance to Sai Sadan Apartment	1	15.00	4.40	4.50	4.45		66.75	
		1	15.00	4.50	4.35	4.43		66.38	
		1	15.00	4.35	5.10	4.73		70.88	
		1	15.00	5.10	4.85	4.98		74.63	
		1	15.00	4.85	4.10	4.48		67.13	
		1	15.00	4.10	4.70	4.40		66.00	
		1	15.00	4.70	4.35	4.53		67.88	
		1	15.00	4.35	5.00	4.68		70.13	
		1	8.50	5.00	4.30	4.65		39.53	
Total Qty =								3674.40	

Assistant Engineer
New Ward No. 11

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore